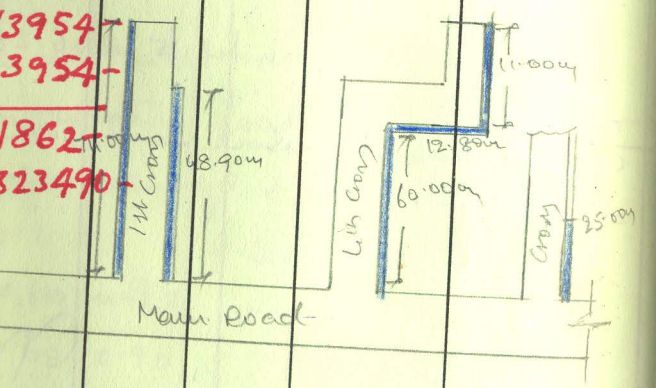
EMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
395352-			INDEX:	
13954-			- RCC drain Down	
13954-				
1395-				
4651-				
3954-				
3954-				
1862-				
323490-				



Asst. Rly

Assistant Executive Engineer

First + Final BM

M. A. R. 57 (Rule 116)
Measurement Book

No. B

495917

Serial No. .....

Name of Work ... Improvement to Road, From Drain in Kuvempunagara area in Ward 11 Kuvempunagara in Vidhyaranyapura Sub-Divn

Name of Contractor of nature of Agency ... N.M. Shivakumar Contractor.

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Work code no :- 011-18-000068						
	Work order no :- BBMP/EE/BTP/E-PMT-99(30479)40/102/2018-19 dt 31.8.2018						
	Head of Account :- P1771 Estimated cost; 15.0 Lakhs						
	A/s no :- AS/CE(YNK)/397/17-18 dt						
	T/s no :- TS/EE(BTP)/126/17-18 dt 15.3.2018						
	1) Earth work excavation by ordinary soil by manual means working on an average horizontal lead upto 2 metre & an average lift upto 0.5m, Excavated surface levelled & sides neatly dressed disposal of excavated earth levelled neatly after beating & dressing etc complete as per specification &						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	direction of Engineer in charge for the Kumpenaya 1st Stage SS (NOS) R/S						
		1	30.0	1.0	0.90	27.0	Cum
		1	30.0	1.0	0.90	27.0	Cum
		1	30.0	1.0	0.90	27.0	"
		1	30.0	1.0	0.90	27.0	"
		1	18.0	1.0	0.90	16.20	"
	R/S	1	30.0	1.0	0.90	27.0	"
		1	30.0	1.0	0.90	27.0	
		1	30.0	1.0	0.90	27.0	
		1	30.0	1.0	0.90	27.0	
		1	5.0	1.0	0.90	4.50	"
				Total		209.70 Cum	
	Qty limited to 207.0 Cum @ Rs 199/- Rs- 41193/-						

erial No. .....
ame of Work .....
ame of Contractor of nature of Age
ate of commencement of work .....

Date	Full description, etc, of wo
1	2
2)	providing & laying @ 1:2:4 with 40 mm to 20 mm 0.85 cum & fine ag 12.15 m 15 mm th Masonry labour direction of En Kumpenaya 1st Stg

REMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
ye floors.				
30.0	1.0	0.90	27.0	
30.0	1.0	0.90	27.0	
30.0	1.0	0.90	27.0	
30.0	1.0	0.90	27.0	
18.0	1.0	0.90	16.20 27.0	
30.0	1.0	0.90		
30.0	1.0	0.90	27.0	
30.0	1.0	0.90	27.0	
5.0	1.0	0.90	4.50	
	Total		209.70 Cu	
to 207.0 Cu			199/- Rs 41193/-	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

495918

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
2)	providing & laying in position Plain Cement concrete of mix 1:4:8 with opc cement @ 180 kg with 40 mm & down size graded granite metal coarse aggregate @ 0.85 Cu m & fine aggregate @ 0.57 Cu m. Machine mixed concrete laid in layers of 15 cm thick well compaction in foundation & plinth including Curing all materials labour charges & machine complete as per specification & direction. Engineer in charge Works Kummamuru 15-5-79 55 Cum		30.0	1.0	0.15	4.50	4.50
			30.0	1.0	0.15	4.50	"
			30.0	1.0	0.15	4.50	"
			30.0	1.0	0.15	4.50	"
			18.0	1.0	0.15	2.70	"

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.0	1.0	0.15	4.50	
		1	30.0	1.0	0.15	4.50	
		1	30.0	1.0	0.15	4.50	
		1	5.0	1.0	0.15	0.75	
				Total Qty		34.95	Cum
		Qty limited to 34.50 cum @ 4800/cum Rs. 165600/-					

3) Providing & laying Cement Concrete using 20 mm & down size granite jelly & ready mix of Concrete (RMC) for R.C.C works laid in layers 15 cm thick well compacted vibrated using finishing with necessary Cement Mortar trowel work & Scaffolding to withstand pumping & Concrete by all leads & lifts etc complete (Excluding Cost of steel & fabrication charges) Ready mixed Cement Concrete M20 (1:1.5:3) for raft foundation Column footing

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

Main & S
Engineer Inch
Kumarswa

MENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
30.0	1.0	0.15	4.50	
30.0	1.0	0.15	4.50	
30.0	1.0	0.15	4.50	
5.0	1.0	0.15	0.75	
			34.95	
Total qty 34.50 m @ 4800/m Rs 165600/-				
uldr cury 20 mm & down size				
l Concl (RMC) for R.C.C work				
ue well compacted vibrator cury				
ut water from power & scaffolding				
nder by all leads & lifts etc complete				
fabrication charges) Ready mixed				
:3) for raft foundation Column footing				

M. A. R. 57 (Rule 116)
Measurement Book

No. B

495919

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Main & Secondary Beams etc complete as per specification & drawings Engineer incharge of work Kumasi 55(m) C/S						
		1	30.0	0.90	0.15	4.05	
		1	30.0	0.90	0.15	4.05	
		1	30.0	0.90	0.15	4.05	
	C&FC	1	30.0	0.90	0.15	4.05	
	& 20/10	1	18.0	0.90	0.15	2.43	
	C/S	1	30.0	0.90	0.15	4.05	
		1	30.0	0.90	0.15	4.05	
		1	30.0	0.90	0.15	4.05	
		1	5.0	0.90	0.15	0.68	
						31.46	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth	31.46.	
1	2	3	4	5	6	7	8
	Drain Side wall 4/s	2	30.0	0.15	0.55	4.95	Cum
		2	30.0	0.15	0.60	5.40	4
	C&EC	2	30.0	0.15	0.60	5.40	4
	@	2	30.0	0.15	0.60	5.40	
	20/10	2	18.0	0.15	0.60	3.24	
	R/s	2	30.0	0.15	0.55	4.95	
		2	30.0	0.15	0.60	5.40	
		2	30.0	0.15	0.60	5.40	
		2	5.0	0.15	0.60	0.90	
			Total Qty			72.70	Cum
	Qty limited to	72.45	Cum @ Rs 6100/Cum			Rs 4,41,945/-	

Serial No. .....
Name of Work .....
Name of Contractor of nature
Date of commencement of w

Date	Full description, e
	2
4)	provsly I... bending ... requirl ty... wherever ne... Measut & ... specfation ... as per sk... premeasu...
5)	provsly ...

REMENT BOOK

ber	Dimensions: Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measureme 8
	30.0	0.15	0.55	4.95	
	30.0	0.15	0.60	5.40	
	30.0	0.15	0.60	5.40	
3	30.0	0.15	0.60	5.40	
2	18.0	0.15	0.60	3.24	
2	30.0	0.15	0.55	4.95	
2	30.0	0.15	0.60	5.40	
2	30.0	0.15	0.60	5.40	
2	5.0	0.15	0.60	0.90	
	Tot Qty			72.30	
to	72.45				

@ Rs 6100/m Rs 4,41945/-

M. A. R. 57 (Rule 116)
Measurement Book

No. B 495920

erial No. .....
ame of Work ..... From..... To.....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

Date	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	4) providg TMT steel reinforcement for RCC bendig, hookig, tyig wid binding wire & anchoring wherever necessary complete as per design (Cost of all materials, labour, hoisting, lowering, transportation & storage complete as per Schedule of Rates & drawings & Engineer in charge) as per Schedule, measurement recorded vide page 495995 of this MB. Qty 4.35 mt @ Rs 64243/mt						providg hooks & bends complete as per Schedule of Rates 2000 etc complete Rs 279457/-
	5) providg & removing centering, shuttering, staging, propping etc & removal of form						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	work in vertical surface such as walls attached pilasters buttress string & storey Cornice cost of all Materials labour etc complete as per specification vide page 4 159 PG Hari MB Qty 552 Sft @ Rs 312/Sft						B. 171120/-
	c) providing PCC cast slab of 100 mm thick using Materials labour cutting as per the direction & Engineer in charge from transportation to site, Curing slab complete					including cost of all (Material)	
		230	0.60	0.30		124.20 Sft	
		148	0.60	0.30		85.50 "	
						209.70 Sft	
						@ 1440/-	B. 288792/-
	Rimkit to	206.28 Sft					

Assistant Executive Engineer
Banashankari Sub Division
BDA - 97

erial No. .....
ame of Work .....
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ate of commencement of work .....

Date	Full description, etc, of wo
1	2
	(Rupees Thousa
Certificate
Certified that

...REMENT BOOK

	Dimensions				
...er	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
...uch as walls at any thickness 15 cm [illegible]					
[illegible] & stacking costing all					
...de page 495996 Hari MB					Rs 171120/-
@ Rs 312/sqm					
100 mm thick solid [illegible] costing all					
transportation, loading, unloading, etc complete					
[illegible] discharge points (Dated)					
0	0.60	0.90		124.20 sqm	
8	0.60	0.90		85.50 sq	
				209.70 sqm	
206.28 sqm @ 1400/-					Rs 288792/-

M. A. R. 57 (Rule 116)
Measurement Book

No. B 495921

Serial No. ....

Name of Work .... From.............................. To..............................

Name of Contractor of nature of Agency ....

Date of commencement of work ....

Date 1	Full description, etc, of work 2	Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
				Total Rs —			13,88107/-
	(Rupees Thirteen lakh Eighty-eight thousand One hundred seven only)						
	Certificate						
	Certified that the above work done satisfactorily & no material is issued departmentally						
							[signature] AE-III 04/10/18.

[signature] 4/10

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	INDEX: ■ - RCC drain done			LLS	138.00m 5th cross	95.00m	RLS
	Kuvempunagara main Road						

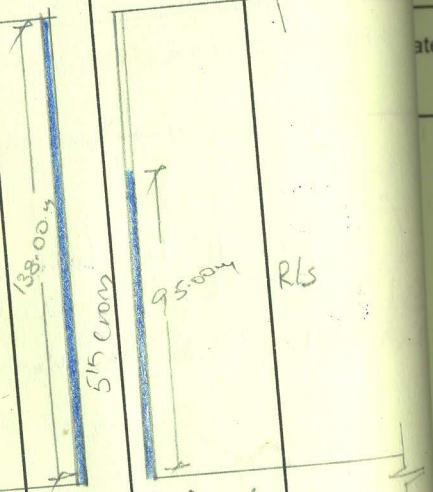
Assistant Executive Engineer

SUREMENT BOOK

Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8

INDEX:

- RCC Drain work



Assistant Executive Engineer

M. A. R. 57 (Rule 116)
Measurement Book

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

495922

Date	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
						Total Rs: 13,88,107-00	
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. Rs. 13,88,107-00					IT- 13881-00	
	ಗಣ್ಯ ; ಪಾಸು ಮಾಡಿದೆ : ಇದರಲ್ಲಿ ರೂ. 71071-00					CESS- 13881-00	
	ಹೊರಡಾಗಿ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು 1317036-00					CBF- 1388-00	
	Rs: Thirteen Lakh Seventeen thousand thirty six only.					LR- 14159-00	
	ಚೆಕ್ ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ					CGST- 13881-00	
						SGST- 13881-00	
						AdSH- 71071-00	
						Chaya 1317036-00	